

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
10 July 2003 (10.07.2003)

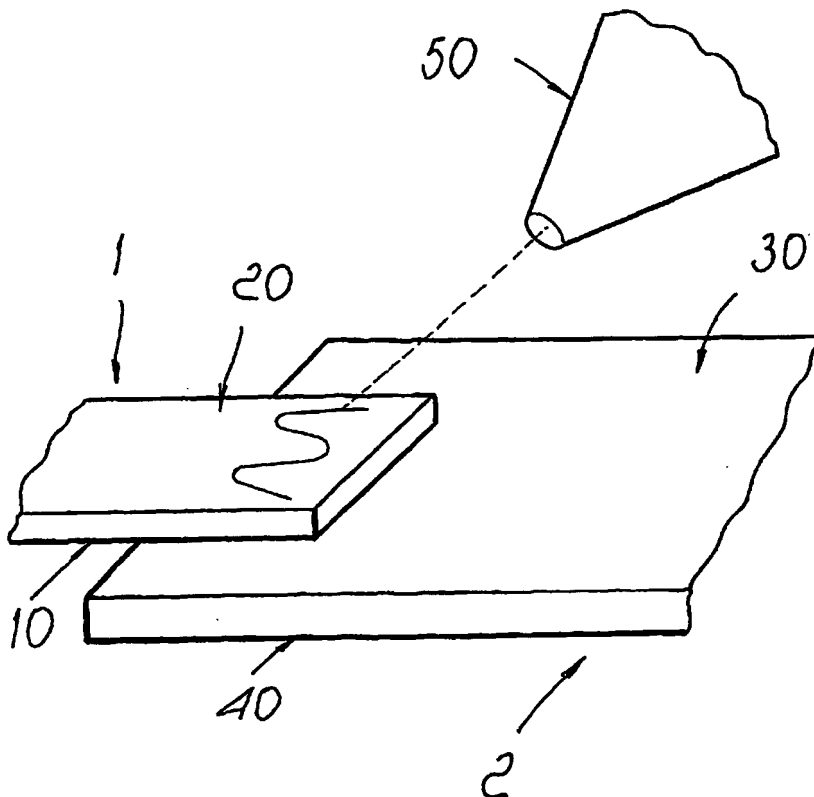
PCT

(10) International Publication Number
WO 03/056593 A1

- (51) International Patent Classification⁷: **H01H 37/52**, **B23K 26/24**
- (21) International Application Number: **PCT/EP02/14404**
- (22) International Filing Date:
17 December 2002 (17.12.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
MI2001A002836
28 December 2001 (28.12.2001) IT
- (71) Applicant (for all designated States except US): **ABB SERVICE S.R.L.** [IT/IT]; Via Arconati, 1, I-20135 Milano (IT).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **MAURA, Massimo** [IT/IT]; Via Colle San Sebastiano, 55, I-03023 Ceccano (FR) (IT). **GAMBA, Federico** [IT/IT]; Via Pescaria, 7/B, I-24123 Bergamo (IT).
- (74) Agent: **GIAVARINI, Francesco**; Zanoli & Giavarini S.r.l., Viale Bianca Maria, 35, I-20122 Milano (IT).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: COMPONENTS OF THERMOSTATIC UNITS AND LASER WELDING METHOD FOR PRODUCING THE COMPONENTS



(57) Abstract: A method for joining components of thermostatic systems and thermal relays for low-voltage circuit breakers, the components being constituted by at least one bimetallic element constituted by a lamina with a first face and a second face and at least one connection element that has a substantially flat end part with a third face and a fourth face, its particularity consisting of the fact that it comprises the steps that consist in: - overlapping and coupling the end part of the first face of the bimetallic element with respect to the third face of the end part of the connection element; - subjecting the end part of the second face of the bimetallic element to the welding action of laser means to provide a weld between the bimetallic element and the connection element.

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Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK,
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/14404

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01H37/52 B23K26/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01H B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	EP 0 327 320 A (RAYCON CORP) 9 August 1989 (1989-08-09) the whole document	1-9
A	US 4 661 677 A (LA ROCCA ALDO V) 28 April 1987 (1987-04-28) column 4, line 33 - line 42; figure 9	1-4
A	US 6 274 843 B1 (DELROISE PASCAL ET AL) 14 August 2001 (2001-08-14) the whole document	1
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Date of the actual completion of the international search

10 April 2003

Date of mailing of the international search report

22/04/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ramírez Fueyo, M

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/14404

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Information on patent family members

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